

Snowflake Machine | User Manual |

○ Make Snowflakes with Milk!

- Generates various types of snowflakes with water, milk, juice, etc.
- Generates snowflakes and prepares the product within 20 seconds

○ Sterilizes and cleans with hybrid water

- Nature-friendly sterilization using hybrid water with 2,000 times higher oxidizing power of ozone and the ozone (sterilization rate: 99% or higher)
- Displays excellent performance for sterilizing food poisoning bacteria and tubercle bacteria such as norovirus, O-157 and salmonella, and also for deodorization
- Sterilizes and cleans the drum and the ice storage by supplying sterilized water to the frosting water tank
- Conveniently utilizes washing water through the use of the side water gun

○ Generates snowflakes of the required quality

- Built with a three-stage ice quality adjustment program
- Convenient to use with the Ice Quality Adjustment button on the front side (Competitor products are difficult to adjust the ice quality of due to the use of a dial)

○ Convenient to use with a front touch panel

- Convenient to use with Milk, Water, Sterilize/Clean, and Ice Quality Adjustment features

○ High quality product design

- Customers can choose the product color according to their taste, between black and silver
- Simple and elegant design

○ Thorough repair system based on the principles of handling service requests within 24 hours after reception

- Thorough repair service management through 60 or more designated repair centers around the nation and the emergency response team of the head office

- ▶ Please read the manual thoroughly for the proper use of the product.
- ▶ Please observe all precautions and warnings in the manual before use.
- ▶ Always keep this manual where it can be found easily.
- ▶ The manual includes a warranty. Keep the warranty securely for future use.



SNOWFLAKE MACHINE
BINGSBINGS

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Warnings for Safety and Precautions



Warning

Situation that may lead to death or injury of user if not observed



Precaution

Situation that may lead to injury of user if not observed



This is the mark for the compulsory "Instruction" and refers to and indicates those items that must be observed.

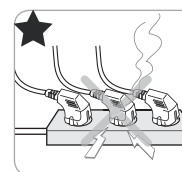


This is the mark for "Prohibition" and refers to and indicates those items that must be prohibited.

※ The following is information intended to maintain user safety and prevent property damage. Please read thoroughly and use the product properly.

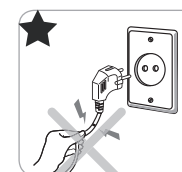
※ This product is intended exclusively for use with 220V, 60Hz. Please use exclusive outlets.

Precautions for Power



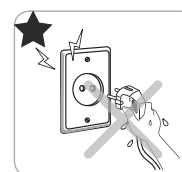
The power shall be connected to an outlet grounded and exclusively designed for rated 15A or higher and AC 220V. Do not plug too many electric appliances into a single outlet.

It may cause electric shock or fire.



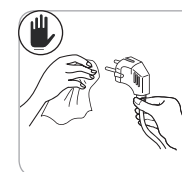
The power shall be connected to an outlet grounded and exclusively designed for rated 15A or higher and AC 220V. Do not plug too many electric appliances into a single outlet.

It may cause electric shock or fire.



Do not place or remove the power plug with wet hands.

It may cause electric shock or fire.

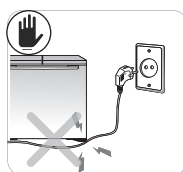


Clean off any dust and moisture on the power plug and its contact areas regularly with a dry cloth. Do not clean with a wet cloth.

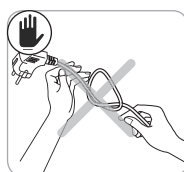
It may cause electric shock or fire.

Warning for Safety and Precautions

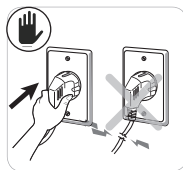
Precautions for Power



Make sure the power cord is not jammed by a heavy object or damaged by a sharp object.
It may cause electric shock or fire.

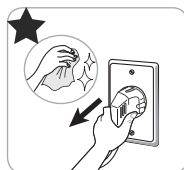


Do not bend or pull the power cord excessively.
It may cause electric shock or fire.

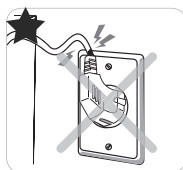


The power plug must be connected tightly up to the end of the outlet. Do not use a damaged power plug, cord, or a loose outlet.

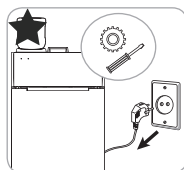
It may cause electric shock or fire. Do not replace by yourself. Contact the Customer Support Center to replace them.



You must pull off the power plug when water is leaking or during cleaning.
It may cause electric shock or fire.



You must pull off the power plug when water is leaking or during cleaning.
It may cause electric shock or fire.



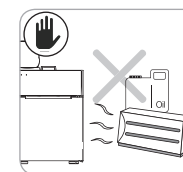
You must pull off the power plug when repairing, inspecting, or replacing parts of the product.
It may cause electric shock or breakage.

Warning for Safety and Precautions

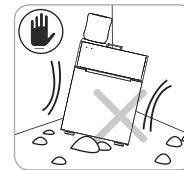
Precautions for Power



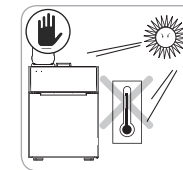
Do not install the product in a humid or dusty place.
It may cause electric shock or fire.



Do not install the product in a place with a potential gas leak or near electric heating appliances.
It may cause electric shock or fire.



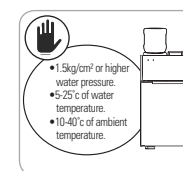
Do not install the product on an uneven floor, pallet, cushion, or linoleum.
It may cause electric shock or fire. You may be injured if the product falls.



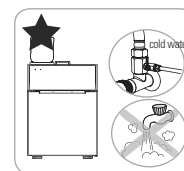
Install the product in a position so as to avoid direct sunlight and hot temperatures.
It may cause electric shock or fire. It may cause the disfiguration of the appearance.



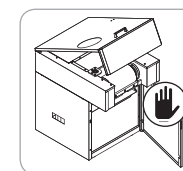
Give at least 10 cm of space between the rear side of the product and the wall for ventilation.
Poor ventilation may cause low ice making performance and cause heat and problems.



Maintain appropriate water pressure, temperature, and ambient temperature.
Use this machine only under 1.5kg/cm² or higher water pressure, 5-25°C of water temperature, and 10-40°C of ambient temperature.



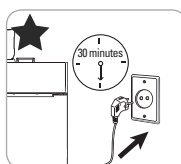
Connect the product to a cold water pipe only. Connecting to a hot water pipe will cause problems.
Connect the product to a water supply pipe. The product will not work normally without water supply.



Do not touch rotating parts and the blades.
There is a high risk of injury.

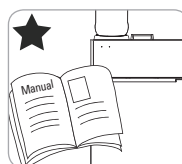
Warning for Safety and Precautions

Precautions for Use !!

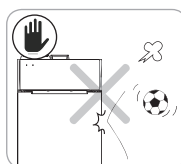


Connect the power plug to the outlet at least 30 minutes after installation. Use it 30 minutes later for the stable operation of the compressor inside.

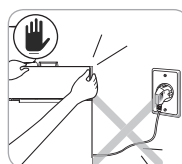
It may cause inefficient cooling and performance degradation.



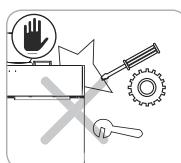
Follow the instructions of the manual for safe use.
The manual includes a warranty. Retain and present it when requesting service.



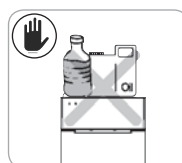
Do not lean on the product or cause extreme shock to the product.
It may cause performance degradation due to disfiguration and breakage.



Do not move the product while in use.
It may cause problems, electric shock, or fire.



Do not disassemble or try to repair the product with a person other than a service engineer.
It may cause problems, electric shock, or fire.



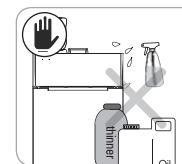
Do not place chemicals, water containers, or small metal objects on the product.
They may cause fire or damage to the product when flown into the product.



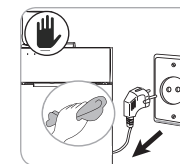
Do not place or use an electric heating appliance, such as an electric oven or toaster, on top of the product.
It may cause electric shock or fire.

Warning for Safety and Precautions

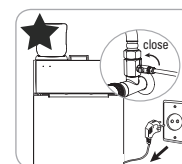
Precautions for Use !!



Do not clean the product using water, benzene, or paint-thinner.
It may cause electric shock or fire.



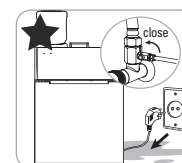
Pull the power plug before cleaning.
It may cause electric shock or fire.



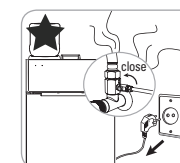
If you are not using the product for a long time, remove all ice from the tank (precaution against freezing) and pull off the power plug.



Do not remove the hoses on the back of the product when the product is in use.
It may cause electric shock or water leakage.



If water is leaking from inside or from near the product, close the water supply valve, remove the power plug, and contact the Customer Support Center.
It may cause electric shock or fire.

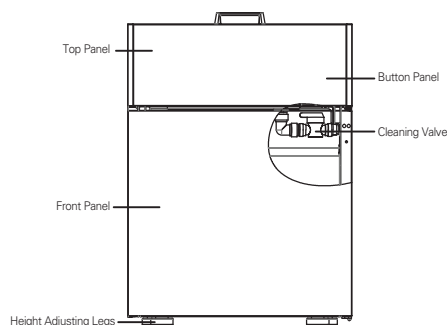


Remove the power plug immediately when the product generates extreme noise or a burning smell, close the water supply valve, and contact the Customer Support Center.
It may cause electric shock or fire.

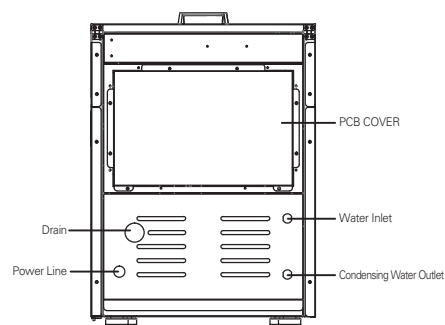
Names of Parts

CKB-195DSW Names of Parts

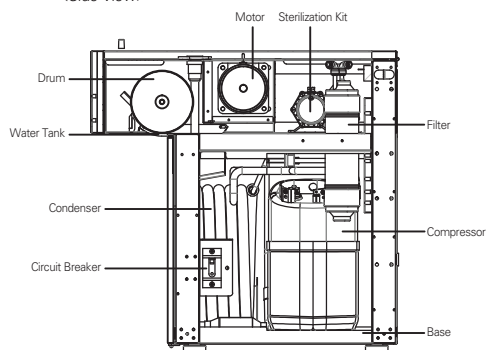
<Front view>



<Rear View>



<Side View>



How to Install

1) Unboxing the snowflake machine: Take the product out of the box and remove the parts from the ice storage.

* Parts are placed inside the ice storage of the snowflake machine. (Check whether the number of the parts is correct.)

Parts



Drain Hose (1EA)



User Manual (1EA)



Adapter (1EA)



T-fitting (1EA)



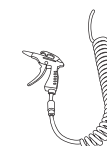
Container (2EA)



Container Cap Separating Wrench (1EA)



Tubing Line (1EA)



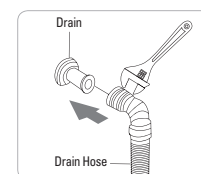
WATER GUN-SET (1EA)

2) Horizontal Installation

Fix the machine in place to install, and turn the screw on the height-adjusting legs to level the machine from the front, rear, and left, and right sides.

Caution: If the product is not level, snowflakes may not fall normally and the machine may not work properly.

3) Connecting the Water Supply Line and Drain Line to the Machine



Connecting Drain Hose

* For the hose supplying water to the condenser, use the hose exclusively for the condenser to secure product performance.

* Keep the length of the drain hose for condensate to a minimum to secure product performance.

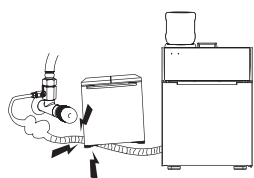


- Connect the condenser supply and drain hoses and ice storage drain hose on the back of the machine according to the size of each connector.
- Keep the length of the condenser drain hose to 5m or shorter in order to drain condensate easily.
- Check the connector and hose thoroughly for any leakage after making the connection.
- The manufacturer is not responsible for any damage caused by leakage due to improper installation.

Check after Completing Installation

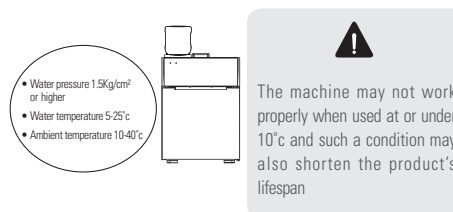
<Supply Hose Protection>

Do not place a heavy object on the water supply hose or step on the hose.



<Appropriate Water Pressure, Water Temperature, and Ambient Temperature>

Use this product only under the following conditions; water pressure 1.5Kg/cm² or higher; water temperature 5-25°C, and ambient temperature 10-40°C.



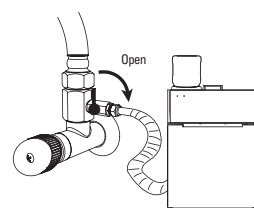
1) Power Connection

This machine is for use exclusively with 220V and 60Hz. Please connect it to an exclusive outlet.



2) Water Supply

Open the tap and supply water.



How to Use

[Operation]

- 1) Place the power cord on the outlet and turn on the main power on the side of the product. (CKB-305SW is on the inside of the front panel.)
- 2) Select the Milk or Water Button.
- 3) After selecting a button, press the button for about 1 second for the corresponding mode to run the machine.

Using Milk Mode

- 1) Fill the container with additives and close it tightly by using a container cap separation wrench.
- 2) Turn the container upside down and place it on the container connector on the top of the product.
- 3) Press the Milk Button on the front control panel to start the machine.

※ If the container's cap is not closed tightly, the content may leak. After placing the container cap, turn it upside down to check for leakage.

Using Water Mode

- 1) Press the Water Button on the front control panel to start the machine.
- 2) When the drum starts, the machine will produce snowflakes within 20 seconds with water purified through the filter.

[Stop]

- 1) Press the Milk or Water Button depending on the mode in use for about 2 seconds to stop the product.
- 2) The machine will run for 2 minutes after the power button is turned off, before it comes to a stop in order to consume the water or if additives remain in the storage tank. (It can be restarted 2 minutes later in order to protect the compressor.)
- 3) When the milk runs out and the machine is left as it is for 5 minutes while running on the Milk Mode, the machine will stop automatically and turn to Standby Mode to protect itself. (An alarm indicating that milk needs to be supplemented will sound at intervals of 5 minutes.)

How to Clean



- Do not spray water directly on the exterior of the machine. It may cause problems, short circuit, electric shock, or fire.
- Refrain from using detergents, benzene, paint-thinners, hydrochloric acid, petroleum, boiling water, and rough brushes can corrode or damage the product.
- Wet a soft towel in water or mild detergent and clean the product with the towel when you use the detergent.
- Clean it once again with a clean towel if you used a mild detergent.
- Use caution when cleaning blades, as there is a high risk of injury.

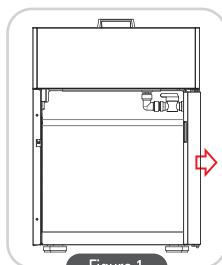


Figure 1

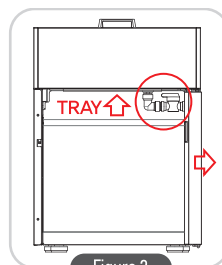


Figure 2

[General Cleaning Mode]

1. Open the front bottom door. (※It will not work if you do not open the bottom door) ※See figure 1
2. Open the ball valve under the tray. (It will not drain if you do not open it) ※See figure 2
 ◎Hold the tray to ensure that it doesn't open when you open the ball valve.
3. It will work in the power ON Mode (Initial Mode)
4. Press 'Water' Mode Button and 'Sterilization/Cleaning' Button at the same time for three seconds in order to run the General Cleaning Mode.
 (Purified water in the tank will be supplied and the drum will turn when the mode is selected.)
5. General Cleaning Mode is useful for removing any residual ice attached to the initial drum and the frost inside of ice storage, and also for extending the lifespan of the sterilizing kit. You can use the cleaning hose and water gun provided with the product.
6. Press the Sterilization/Cleaning Button for two seconds for emergency stop.
7. Close the ball valve under the tray when the cleaning is finished. (It will not work if you do not close the ball valve due to draining of milk and water.)
 After Cleaning Mode is finished, clean the inside of the ice tray according to the method described on page 13.
8. Close front bottom door.

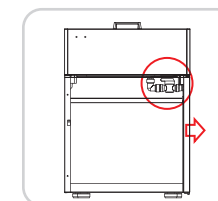
[Sterilization/Cleaning Mode]

1. Open the front bottom door. (※It will not work if you do not open the bottom door) ※See figure 1
2. Open the ball valve under the tray. (Figure: It will not drain without opening) ※See figure 2
 ◎Hold the tray to ensure that it doesn't open when you open the ball valve.
3. Select Sterilization/Cleaning Mode when the product is ON (Initial Mode)
4. Sterilization/Cleaning Mode will work after you press the button for three seconds.
5. In Sterilization Mode, the drum turns and the antiseptic solution will be sprayed in the drum and inside of the tray.
6. In Sterilization/Cleaning Mode, cleaning the drum and tray for three minutes will kill 99.9% of bacteria.
7. Make sure that you use Sterilization/Cleaning Mode only when the machine is in Stop Mode.
8. Press the Sterilization/Cleaning Button for two seconds for emergency stop.
9. Close the ball valve under the tray when the Sterilization Mode is finished. (It will not work if you do not close the ball valve due to draining of milk and water.)
 After Cleaning Mode is finished, clean the inside of the ice tray according to the method described on page 13.
10. Close front bottom door.

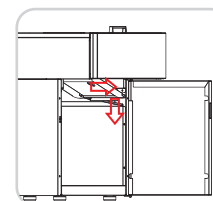
[How to Clean Inside Product]



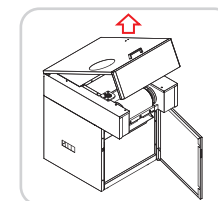
- 1) Turn off the power and the circuit breaker, and pull out the plug.



- 2) Open the ball valve by opening the front bottom door.



- 3) Pull the tray forward and open it downward.
 (Use caution to ensure that contents don't fall out.)



- 4) Open top cover upwards.
 (Be mindful of the blades at the front of the drum.)

- 5) Dilute the dishwasher detergent in warm water, wet a clean cloth or towel in the cleaning solution and clean the water tank, drum, and ice storage. (Be mindful of the blades)
- 6) Return the water tank and top cover to its original position after cleaning.
- 7) To finish cleaning, turn on the circuit breaker (Power On) and press the Sterilization/Cleaning Button to operate Sterilization Mode while the front bottom door is open. Re-press Sterilization/Cleaning Button to clean again.
 Press the Sterilization/Cleaning Button for two seconds for emergency stop.
- 8) Close the front bottom door after sterilization and cleaning.



- It will not sterilize the water tank and the drum if you do not secure the water tank before using the Sterilization Mode.
- Use caution when handling the water tank and the blades.

Specifications

Category	Details	Category	Details
Product Name	Countertop-based Drum Snowflake Machine	Rated Voltage	AC220V, 60Hz
Model Name	CKB-195DSW	Power Consumption	1,300W ±10%
Product Dimensions (W x D x H)	400 x 550 x 540mm (excluding milk supplier, including legs)	Coolant	R-404a
Maximum Ice Generation Capacity	150-250kg/Day	Condenser	Water Cooling System
Weight	65kg	Operating Temperature	10-40℃

※ The information in the manual (appearance, design, and specifications) may be changed without notification for quality control purposes.

Check before reporting a problem.

Please check the following before requesting repair services:

The product may not work properly even when it does not have problems if it has been used inappropriately without regard to the recommended instructions. If you observe problems using the product, please check the product with the following list and if the problem persists, contact our Customer Support Center.

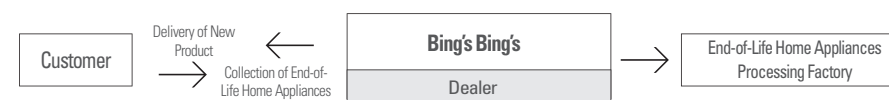
Symptom	Check	Troubleshooting
1. The product does not turn on.	- Is 220V ±10% of power supplied? - Is the power cord connected? - Is the circuit breaker on?	- Check the power - Connect power cord - Turn on the circuit breaker
2. The water is not supplied.	- Is the plumbing valves open? - Is the water supply available? - Is the water supply hose connected?	- Open water supply valve - Check water supply and wait - Connect water supply hose
3. The product works, but it does not generate snowflakes.	- Is there no ice in the drum or only on one side? - Is the compressor working normally? - Is there a heating appliance near the product?	- Check and contact Customer Support Center - Check and contact Customer Support Center - Install as far away from the heating appliance as possible.
4. It generates loud and strange noise.	- Is the floor on which the product is installed unstable or weak? - Is the product in contact with an object on the front, rear, or adjacent side? - Is the quality of ice too thick or strange?	- Level the product and install the product on a solid ground. - Keep at least 10cm of room around the product. - Check and contact Customer Support Center
5. Sterilizing water is not coming out	- Is the water supply available? - Is the sterilization mode switch flickering? (It flickers during sterilization) - Is the water leaking to another place? - Did you open the front door?	- Turn off the switch and wait until the water is supplied - When the product stops, touch the Sterilize Mode for 1 second - Check and contact Call Center - Open the front door.
6. This is not a fault.	- It shakes slightly when in operation, however, this is not a fault. - A small number of water drops may fall into the ice storage due to internal freezing and this is not a fault. - The buzzer may sound temporarily and the mode lamp may flicker momentarily when you use the product for the first time, which will stop when the tank is filled.	

※ Some supplies may be charged for even under warranty.

Collection and Reuse of Waste

We are reusing waste in cooperation with the government as follows to protect the environment:

- If you wish to dispose of an old product when you replace it with a new product, we will take care of it for free.
Customer



- If you wish to dispose of an end-of-life home appliance even if you are not purchasing a new product, you can contact the local community center for the handling of the appliance according to the volume-rate garbage disposal system. (The fee varies depending on your area. Contact the local community center for further information.)



Warrant

Product Name : Model Name : CKB-195DSW

Date of Purchase (Year/Month/Day) :

Customer's Name : Telephone :

Address :

Place of Purchase :

※ Please keep this warranty indicating the date of purchase in order to receive full warranty services.



The warranty expires 1 year after the date of purchase.



Repair Service and Product Inquiry 1644-3057

- If you do not receive repair services after making a request for service, please contact the Customer Support Center.

We will not be responsible for problems caused by not using authentic parts or filters of the icemaker.
The appearance and specifications of the product may change without notice for product enhancement purposes.

Installing Dealer